

## NSLS OHSAS Facility Risk Assessment

<b>Name(s) of Risk Team Members:</b> NSLS OHSAS Committee	<b>Point Value → Parameter ↓</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Area/Facility Description Title:</b> <b>General Housekeeping Issues</b>	<b>Occupancy or Use</b>	≤once/year	≤once/month	≤once/week	≤once/shift	>once/shift
<b>Area/Facility # (if applicable):</b> <b>LS-FRA-0006</b>						
<b>Area/Facility Description: General Housekeeping Issues throughout the NSLS complex.</b>	<b>Severity</b>	<b>First Aid Only</b>	<b>Medical Treatment</b>	<b>Lost Time</b>	<b>Partial Disability</b>	<b>Death or Permanent Disability</b>
	<b>Likelihood</b>	<b>Extremely Unlikely &lt;&lt;1x/20yrs</b>	<b>Unlikely 1x/10-20yrs</b>	<b>Possible &gt;1x/10-20yrs</b>	<b>Probable 1x/yr</b>	<b>Multiple &gt;1x/yr</b>
<b>Approved by:</b> W. R. Casey <b>Date:</b> 9/15/05 <b>Rev.#:</b> 1 <a href="#">Revision Log</a>						
<b>Reason for Revision (if applicable):</b>				<b>Comments:</b>		

		Before Controls					After Initial Controls					After Additional Controls				
Physical Item or Activity	Hazard(s)	Occupancy A	Severity B	Likelihood C	Risk* AxBxC	Initial Controls	Occupancy A	Severity B	Likelihood C	Risk* AxBxC	Control(s) Added to Reduce Risk	Occupancy A	Severity B	Likelihood C	Risk* AxBxC	% Risk Reduction
Walking & working surfaces	Falls on same level, uneven surfaces, slips, trips & falls	5	4	2	40	Tier 1, work planning, routine maintenance, postings, training, barriers, communication, lessons learned, use of slip resistant flooring materials	5	4	1	20						
	Icy surfaces in winter causing slips & falls	5	4	3	60	Proper footwear, maintenance of grounds (i.e.: application of ice melt) and shoveling of walkways, communication, barriers, lessons learned, postings, lab delayed openings or closures.	5	4	2	40						

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		Before Controls					After Initial Controls					After Additional Controls				
Physical Item or Activity	Hazard(s)	Occupancy A	Severity B	Likelihood C	Risk* AxBxC	Initial Controls	Occupancy A	Severity B	Likelihood C	Risk* AxBxC	Control(s) Added to Reduce Risk	Occupancy A	Severity B	Likelihood C	Risk* AxBxC	% Risk Reduction
Storage	Being struck by an object, overloading of cabinets/shelves, protruding objects, inaccessibility of stored materials	4	2	3	24	Tier 1, work planning, maintenance, postings, barriers, communication, lessons learned, inventory control, disposal of excess materials, mirrors installed at blind corners, adequate aisle widths, aisle identification, adequate storage for materials	4	2	2	16						
Storage lofts	Collapse from overloading	4	4	2	32	Posted load limits, knowledge of the load to be stored	4	4	1	16						
Paper storage in offices	Fire from excess fire loading	5	5	2	50	Tier 1, maintenance, communication, lessons learned, life safety code compliance, fire suppression/detection systems, emergency drills	5	5	1	25						
Egress	Blocked egress preventing occupancy discharge	5	5	3	75	Tier 1, work planning, maintenance, posting, training, barriers, communication, lessons learned, life safety code compliance, emergency preparedness, unobstructed aisles, aisles and stairwells adequately illuminated, emergency drills	5	5	1	25						
Indoor air quality	Allergies and respiratory problems	5	2	3	30	Tier 1, maintenance, training, communication, lessons learned, IH support, support from building management	5	2	2	20						

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Physical Item or Activity	Hazard(s)	Occupancy A	Severity B	Likelihood C	Risk* AxBxC	Initial Controls	Occupancy A	Severity B	Likelihood C	Risk* AxBxC	Control(s) Added to Reduce Risk	Occupancy A	Severity B	Likelihood C	Risk* AxBxC	% Risk Reduction
Equipment and machinery maintenance	Machine leaks resulting in slippery surfaces, splashing oils from machinery, indoor air quality concerns from operating equipment	5	3	2	30	Machine maintenance, facility maintenance, use of drip pans or absorbent materials, screen or splashguards, regular cleaning, postings, communication, building manger intervention	5	3	1	15						
Waste disposal	Concerns with egress, slips/trips & falls resulting from accumulation of waste which may include hazardous and flammable waste	5	3	2	30	Appropriate amount of waste receptacle, separate and approved containers for varied waste, proper placement of waste receptacles, maintenance, communication, lessons learned, oily rag receptacles, postings, barriers	5	3	1	15						
Spill control	Slips/trips & falls from standing liquids or residues on walking surface	5	3	3	45	Maintenance, Tier 1, spill remediation procedures, communication, training, postings, barriers, lessons learned, building manger intervention	5	3	2	30						
Further Description of Controls Added to Reduce Risk:																
*Risk:	0 to 20 Negligible	21 to 40 Acceptable				41 to 60 Moderate				61 to 80 Substantial				81 or greater Intolerable		